

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A sampling aliquotter system for aspirating with a probe aliquot portions of sample fluid from a sample fluid tube closed by a closure and for dispensing said aliquot portions into a vessel, said aliquotter comprising:
  - a sample fluid tube closed by a closure;
  - a horizontal drive, a vertical drive, a probe depending from said vertical drive, a pump module and a cleansing module, the horizontal drive adapted to position the vertical drive above the sample fluid tube, the vessel and the cleansing module,
    - wherein the vertical drive comprises a linear actuator configured to drive the probe through the closure,
    - and wherein the pump module being configured to aspirate and dispense sample fluid through the probe,
    - the cleansing module being configured to cleanse the sample fluid probe,
    - and wherein the vertical drive further comprises a retainer with a first and second clips mounted on a single round shaft, the clips rotatable between a binding position and a free position by a single rotary actuator and configured such that either: (a) the first clip binds the probe and the second clip releases the retainer, or (b) the second clip binds the retainer and the first clip binds the probe.
2. (original) The sampling aliquotter of claim 1 wherein the vertical drive comprises a linear actuator and a sample tube retainer, the linear actuator operable to drive the probe through the closure, lower the tube retainer into contact with the closure, retract the probe from the closure and raise the tube retainer off the closure.
3. (canceled)
4. (original) The sampling aliquotter of claim 1 wherein the cleansing module comprises a cleansing body having a cleansing chamber formed therein to receive the probe, the

cleansing body having two pairs of tubings ported thereto, a first pair of tubing connected to an air knife supply source, a second pair of tubing connected to a pressurized rinse water source, the air knife source activated when the probe is lowered by the vertical drive into the cleansing chamber, the pressurized rinse water source activated when the probe is removed from the cleansing chamber by the vertical drive.

5. (original) The sampling aliquotter of claim 1 further comprising a wash module adapted to pump a cleaning solution through the probe along with a flow of pressurized air from the pump module.
6. (original) The sampling aliquotter of claim 1 wherein the cleansing chamber is in vacuum communication with a waste reservoir.